

FILE 'HOME' ENTERED AT 17:06:15 ON 01 FEB 2005

FILE 'REGISTRY' ENTERED AT 17:06:24 ON 01 FEB 2005  
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Property values tagged with IC are from the ZIC/VINITI data file provided by InfoChem.

STRUCTURE FILE UPDATES: 31 JAN 2005 HIGHEST RN 823780-35-4  
DICTIONARY FILE UPDATES: 31 JAN 2005 HIGHEST RN 823780-35-4

TSCA INFORMATION NOW CURRENT THROUGH MAY 21, 2004

Please note that search-term pricing does apply when conducting SmartSELECT searches.

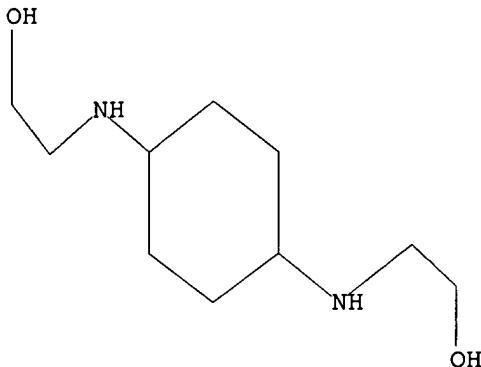
Crossover limits have been increased. See **HELP CROSSOVER** for details.

Experimental and calculated property data are now available. For more information enter HELP PROP at an arrow prompt in the file or refer to the file summary sheet on the web at:  
<http://www.cas.org/ONLINE/DBSS/registryss.html>

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Uploading C:\STNEXP4\100000000.str
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## L1 STRUCTURE uploaded

=> d  
L1 HAS NO ANSWERS  
L1 STR



Structure attributes must be viewed using STN Express query preparation.

=> s 11  
SAMPLE SEARCH INITIATED 17:06:40 FILE 'REGISTRY'

SAMPLE SCREEN SEARCH COMPLETED - 1902 TO ITERATE

52.6% PROCESSED 1000 ITERATIONS  
INCOMPLETE SEARCH (SYSTEM LIMIT EXCEEDED)  
SEARCH TIME: 00.00.01

4 ANSWERS

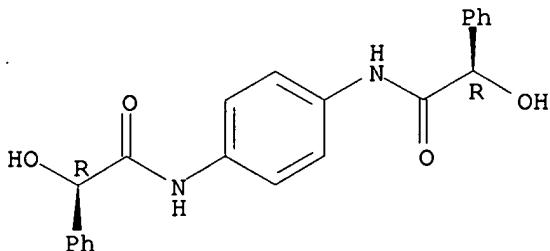
FULL FILE PROJECTIONS: ONLINE \*\*COMPLETE\*\*  
BATCH \*\*COMPLETE\*\*  
PROJECTED ITERATIONS: 35424 TO 40656  
PROJECTED ANSWERS: 4 TO 317

L2 4 SEA SSS SAM L1

=> d

L2 ANSWER 1 OF 4 REGISTRY COPYRIGHT 2005 ACS on STN  
RN 613256-53-4 REGISTRY  
CN Benzeneacetamide, N,N'-1,4-phenylenebis[ $\alpha$ -hydroxy-,  
( $\alpha$ R, $\alpha$ 'R)- (9CI) (CA INDEX NAME)  
FS STEREOSEARCH  
MF C22 H20 N2 O4  
CI COM  
SR CA  
LC STN Files: CA, CAPLUS  
DT.CA CAplus document type: Journal  
RL.NP Roles from non-patents: PREP (Preparation); PROC (Process); PRP  
(Properties)

Absolute stereochemistry. Rotation (-).

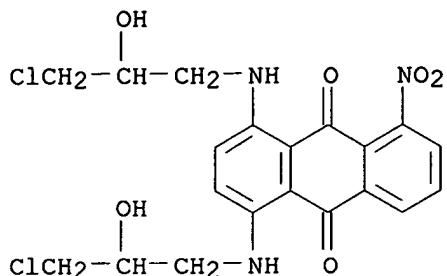


\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

1 REFERENCES IN FILE CA (1907 TO DATE)  
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

=> d 12 4

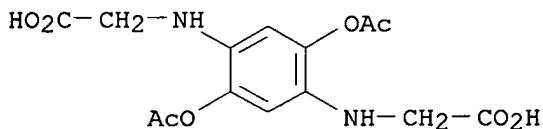
L2 ANSWER 4 OF 4 REGISTRY COPYRIGHT 2005 ACS on STN  
RN 6424-92-6 REGISTRY  
CN 9,10-Anthracenedione, 1,4-bis[(3-chloro-2-hydroxypropyl)amino]-5-nitro-  
(9CI) (CA INDEX NAME)  
OTHER CA INDEX NAMES:  
CN Anthraquinone, 1,4-bis[(3-chloro-2-hydroxypropyl)amino]-5-nitro- (8CI)  
OTHER NAMES:  
CN C.I. 62505  
CN Celliton Fast Blue BB  
FS 3D CONCORD  
MF C20 H19 Cl2 N3 O6  
LC STN Files: SPECINFO



\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

=> d 12 3

L2 ANSWER 3 OF 4 REGISTRY COPYRIGHT 2005 ACS on STN  
 RN 68561-89-7 REGISTRY  
 CN Glycine, N,N'-[2,5-bis(acetyloxy)-1,4-phenylene]bis- (9CI) (CA INDEX  
 NAME)  
 FS 3D CONCORD  
 MF C14 H16 N2 O8  
 LC STN Files: BEILSTEIN\*, CA, CAPLUS  
 (\*File contains numerically searchable property data)  
 DT.CA CAplus document type: Journal  
 RL.NP Roles from non-patents: PREP (Preparation)



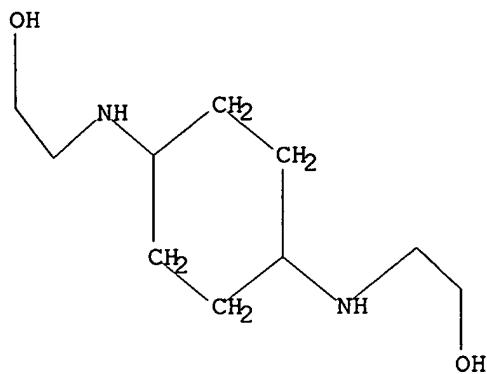
\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

1 REFERENCES IN FILE CA (1907 TO DATE)  
 1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

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L3 STRUCTURE UPLOADED

=> d  
 L3 HAS NO ANSWERS  
 L3 STR



Structure attributes must be viewed using STN Express query preparation.

=> s 13

SAMPLE SEARCH INITIATED 17:08:02 FILE 'REGISTRY'  
SAMPLE SCREEN SEARCH COMPLETED - 1902 TO ITERATE

52.6% PROCESSED 1000 ITERATIONS  
INCOMPLETE SEARCH (SYSTEM LIMIT EXCEEDED)  
SEARCH TIME: 00.00.01

0 ANSWERS

FULL FILE PROJECTIONS: ONLINE \*\*COMPLETE\*\*  
BATCH \*\*COMPLETE\*\*  
PROJECTED ITERATIONS: 35424 TO 40656  
PROJECTED ANSWERS: 0 TO 0

L4 0 SEA SSS SAM L3

=> s 13 ful  
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100.0% PROCESSED 37720 ITERATIONS  
SEARCH TIME: 00.00.01

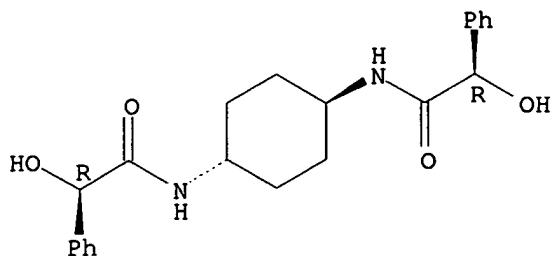
12 ANSWERS

L5 12 SEA SSS FUL L3

=> d 15 1-12

L5 ANSWER 1 OF 12 REGISTRY COPYRIGHT 2005 ACS on STN  
RN 613256-55-6 REGISTRY  
CN Benzeneacetamide, N,N'-trans-1,4-cyclohexanediylbis[alpha-hydroxy-,  
(alphaR, alpha'R)-] (9CI) (CA INDEX NAME)  
FS STEREOSEARCH  
MF C22 H26 N2 O4  
SR CA  
LC STN Files: CA, CAPLUS  
DT.CA CAplus document type: Journal  
RL.NP Roles from non-patents: PREP (Preparation); PROC (Process); PRP  
(Properties)

Absolute stereochemistry. Rotation (-).

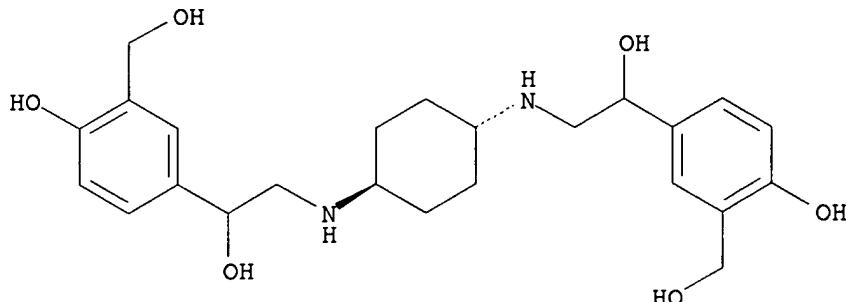


\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

1 REFERENCES IN FILE CA (1907 TO DATE)  
 1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L5 ANSWER 2 OF 12 REGISTRY COPYRIGHT 2005 ACS on STN  
 RN 321708-20-7 REGISTRY  
 CN 1,3-Benzenedimethanol,  $\alpha_1,\alpha_1'$ -[trans-1,4-cyclohexanediylbis(iminomethylene)]bis[4-hydroxy- (9CI) (CA INDEX NAME)  
 FS STEREOSEARCH  
 MF C24 H34 N2 O6  
 SR CA  
 LC STN Files: CA, CAPLUS, USPAT2, USPATFULL  
 DT.CA CAplus document type: Patent  
 RL.P Roles from patents: BIOL (Biological study); PREP (Preparation); USES (Uses)

Relative stereochemistry.

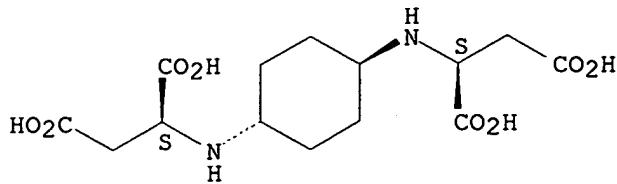


\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

3 REFERENCES IN FILE CA (1907 TO DATE)  
 3 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L5 ANSWER 3 OF 12 REGISTRY COPYRIGHT 2005 ACS on STN  
 RN 290308-50-8 REGISTRY  
 CN L-Aspartic acid, N,N'-trans-1,4-cyclohexanediylbis- (9CI) (CA INDEX NAME)  
 FS STEREOSEARCH  
 MF C14 H22 N2 O8  
 SR CA  
 LC STN Files: CA, CAPLUS  
 DT.CA CAplus document type: Patent  
 RL.P Roles from patents: BIOL (Biological study); USES (Uses)

Absolute stereochemistry.

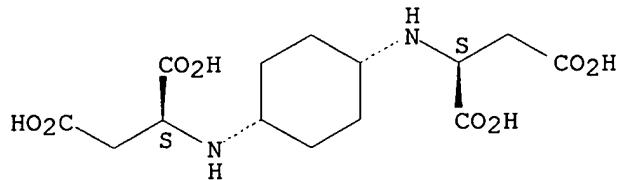


\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

1 REFERENCES IN FILE CA (1907 TO DATE)  
 1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L5 ANSWER 4 OF 12 REGISTRY COPYRIGHT 2005 ACS on STN  
 RN 290308-49-5 REGISTRY  
 CN L-Aspartic acid, N,N'-cis-1,4-cyclohexanediylbis- (9CI) (CA INDEX NAME)  
 FS STEREOSEARCH  
 MF C14 H22 N2 O8  
 SR CA  
 LC STN Files: CA, CAPLUS  
 DT.CA CAplus document type: Patent  
 RL.P Roles from patents: BIOL (Biological study); USES (Uses)

Absolute stereochemistry.

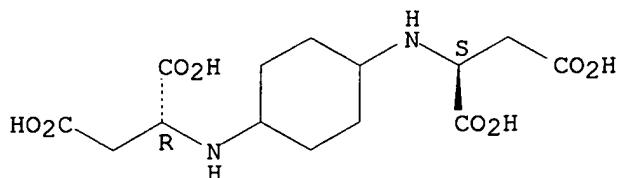


\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

1 REFERENCES IN FILE CA (1907 TO DATE)  
 1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L5 ANSWER 5 OF 12 REGISTRY COPYRIGHT 2005 ACS on STN  
 RN 181960-51-0 REGISTRY  
 CN D-Aspartic acid, N-[4-[(1,2-dicarboxyethyl)amino]cyclohexyl]-, (S)- (9CI) (CA INDEX NAME)  
 FS STEREOSEARCH  
 MF C14 H22 N2 O8  
 SR CA  
 LC STN Files: CA, CAPLUS, USPATFULL  
 DT.CA CAplus document type: Patent  
 RL.P Roles from patents: BIOL (Biological study); PREP (Preparation)

Absolute stereochemistry.

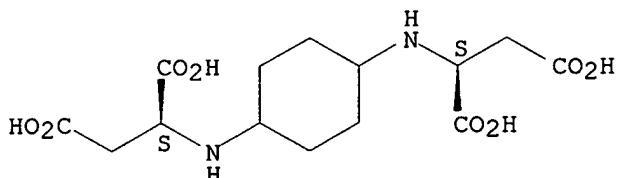


\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

1 REFERENCES IN FILE CA (1907 TO DATE)  
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L5 ANSWER 6 OF 12 REGISTRY COPYRIGHT 2005 ACS on STN  
RN 181645-02-3 REGISTRY  
CN L-Aspartic acid, N,N'-1,4-cyclohexanediylbis- (9CI) (CA INDEX NAME)  
FS STEREOSEARCH  
MF C14 H22 N2 O8  
SR CA  
LC STN Files: CA, CAPLUS, USPATFULL  
DT.CA CAplus document type: Patent  
RL.P Roles from patents: BIOL (Biological study); PREP (Preparation)

Absolute stereochemistry.

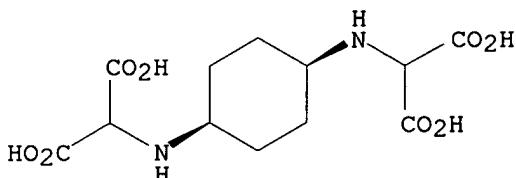


\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

2 REFERENCES IN FILE CA (1907 TO DATE)  
2 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L5 ANSWER 7 OF 12 REGISTRY COPYRIGHT 2005 ACS on STN  
RN 82481-43-4 REGISTRY  
CN Propanedioic acid, 2,2'-(1,4-cyclohexanediyldiimino)bis-, cis- (9CI) (CA INDEX NAME)  
FS STEREOSEARCH  
MF C12 H18 N2 O8  
LC STN Files: CA, CAPLUS  
DT.CA CAplus document type: Journal  
RL.NP Roles from non-patents: PROC (Process)  
RLD.NP Roles for non-specific derivatives from non-patents: FORM (Formation, nonpreparative); PREP (Preparation)

Relative stereochemistry.



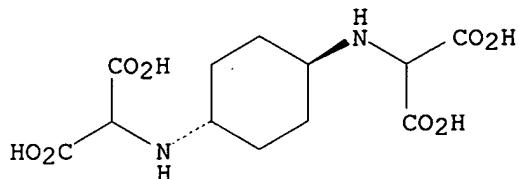
\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

1 REFERENCES IN FILE CA (1907 TO DATE)  
1 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA  
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L5 ANSWER 8 OF 12 REGISTRY COPYRIGHT 2005 ACS on STN  
RN 82481-42-3 REGISTRY

CN Propanedioic acid, 2,2'-(1,4-cyclohexanediyldiimino)bis-, trans- (9CI)  
 (CA INDEX NAME)  
 FS STEREOSEARCH  
 MF C12 H18 N2 O8  
 LC STN Files: CA, CAPLUS  
 DT.CA CAplus document type: Journal  
 RL.NP Roles from non-patents: PROC (Process)  
 RLD.NP Roles for non-specific derivatives from non-patents: FORM (Formation,  
 nonpreparative); PREP (Preparation)

Relative stereochemistry.



\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

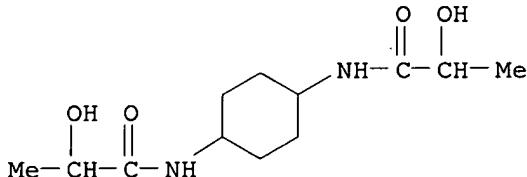
1 REFERENCES IN FILE CA (1907 TO DATE)  
 1 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA  
 1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L5 ANSWER 9 OF 12 REGISTRY COPYRIGHT 2005 ACS on STN  
 RN 79519-15-6 REGISTRY  
 CN Decanedioyl dichloride, polymer with N,N'-1,4-cyclohexanediylbis[2-hydroxypropanamide] (9CI) (CA INDEX NAME)  
 OTHER CA INDEX NAMES:  
 CN Propanamide, N,N'-1,4-cyclohexanediylbis[2-hydroxy-, polymer with decanedioyl dichloride (9CI)  
 MF (C12 H22 N2 O4 . C10 H16 C12 O2)x  
 CI PMS  
 PCT Polyamide, Polyester, Polyester formed  
 LC STN Files: CA, CAPLUS, TOXCENTER, USPATFULL  
 DT.CA CAplus document type: Patent  
 RL.P Roles from patents: PREP (Preparation)

\*\*RELATED POLYMERS AVAILABLE WITH POLYLINK\*\*

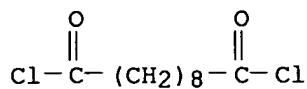
CM 1

CRN 79519-14-5  
 CMF C12 H22 N2 O4



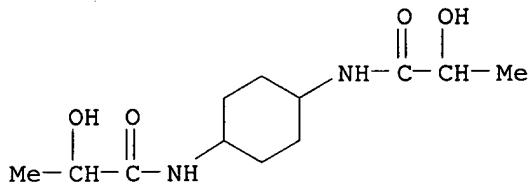
CM 2

CRN 111-19-3  
 CMF C10 H16 C12 O2



1 REFERENCES IN FILE CA (1907 TO DATE)  
 1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L5 ANSWER 10 OF 12 REGISTRY COPYRIGHT 2005 ACS on STN  
 RN 79519-14-5 REGISTRY  
 CN Propanamide, N,N'-1,4-cyclohexanediyldi[2-hydroxy- (9CI) (CA INDEX NAME)  
 FS 3D CONCORD  
 MF C12 H22 N2 O4  
 CI COM

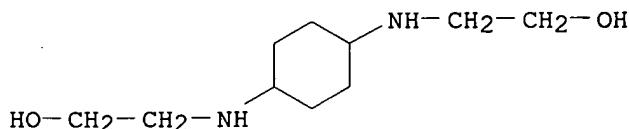


\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

L5 ANSWER 11 OF 12 REGISTRY COPYRIGHT 2005 ACS on STN  
 RN 31346-32-4 REGISTRY  
 CN Ethanol, 2,2'-(1,4-cyclohexylenediimino)di-, polymers (8CI) (CA INDEX NAME)  
 MF (C10 H22 N2 O2)x  
 CI PMS  
 PCT Polyamine, Polyamine formed  
 LC STN Files: CA, CAPLUS, IFICDB, IFIPAT, IFIUDB  
 DT.CA CAplus document type: Patent  
 RL.P Roles from patents: USES (Uses)

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CRN 13348-20-4  
 CMF C10 H22 N2 O2

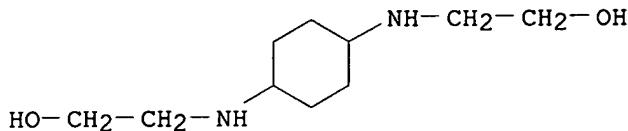


1 REFERENCES IN FILE CA (1907 TO DATE)  
 1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L5 ANSWER 12 OF 12 REGISTRY COPYRIGHT 2005 ACS on STN  
 RN 13348-20-4 REGISTRY  
 CN Ethanol, 2,2'-(1,4-cyclohexylenediimino)bis- (9CI) (CA INDEX NAME)  
 OTHER CA INDEX NAMES:  
 CN Ethanol, 2,2'-(1,4-cyclohexylenediimino)di- (8CI)

OTHER NAMES:

CN N,N'-Bis(2-hydroxyethyl)-1,4-cyclohexanediamine  
FS 3D CONCORD  
MF C10 H22 N2 O2  
CI COM  
LC STN Files: BEILSTEIN\*, CA, CAPLUS, IFICDB, IFIPAT, IFIUDB, USPATFULL  
(\*File contains numerically searchable property data)  
DT.CA CAplus document type: Patent  
RL.P Roles from patents: PREP (Preparation); USES (Uses)



\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

5 REFERENCES IN FILE CA (1907 TO DATE)  
5 REFERENCES IN FILE CAPLUS (1907 TO DATE)

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|----------------------|------------|---------|
| COST IN U.S. DOLLARS | ENTRY      | SESSION |
| FULL ESTIMATED COST  | 190.22     | 190.43  |

FILE 'CAPLUS' ENTERED AT 17:08:33 ON 01 FEB 2005  
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FILE COVERS 1907 - 1 Feb 2005 VOL 142 ISS 6  
FILE LAST UPDATED: 31 Jan 2005 (20050131/ED)

This file contains CAS Registry Numbers for easy and accurate substance identification.

=> s 15  
L6 14 L5

=> d 16 1-14

L6 ANSWER 1 OF 14 CAPLUS COPYRIGHT 2005 ACS on STN  
AN 2003:692236 CAPLUS  
DN 139:329041  
TI Novel chiral amide hosts derived from mandelic acid: A marked difference

in inclusion abilities between host stereoisomers  
AU Tanaka, Koichi; Hiratsuka, Takaichi; Urbanczyk-Lipkowska, Zofia  
CS Department of Applied Chemistry, Faculty of Engineering, Ehime University,  
Ehime, 790-8577, Japan  
SO European Journal of Organic Chemistry (2003), (16), 3043-3046  
CODEN: EJOCFK; ISSN: 1434-193X  
PB Wiley-VCH Verlag GmbH & Co. KGaA  
DT Journal  
LA English  
RE.CNT 10 THERE ARE 10 CITED REFERENCES AVAILABLE FOR THIS RECORD  
ALL CITATIONS AVAILABLE IN THE RE FORMAT

| ANSWER 2 OF 14 CAPLUS COPYRIGHT 2005 ACS on STN |  |      |            |                 |
|---|--|------|------------|-----------------|
| AN  | 2002:354101 CAPLUS   | DN   | 136:355062 |                 |
| TI  | Preparation of novel multi-binding phenolic compounds as<br>$\beta$ 2-adrenergic receptor agonists |      |            |                 |
| IN  | Moran, Edmund J.; Griffin, John H.; Choi, Seok-ki  |      |            |                 |
| PA  | Theravance, Inc., USA  |      |            |                 |
| SO  | U.S. Pat. Appl. Publ., 92 pp., Cont. of U.S. Ser. No. 323,943.<br>CODEN: USXXCO                    |      |            |                 |
| DT  | Patent   |      |            |                 |
| LA  | English  |      |            |                 |
| FAN.CNT 31                                      |  |      |            |                 |
|   | PATENT NO.   | KIND | DATE       | APPLICATION NO. |
| PI  | US 2002055651  | A1   | 20020509   | US 2001-934982  |
|   | US 6683115   | B2   | 20040127   |                 |
|   | US 6541669   | B1   | 20030401   | US 1999-323943  |
|   | CA 2318894   | AA   | 19991216   | CA 1999-2318894 |
|   | AU 9945435   | A1   | 19991230   | AU 1999-45435   |
|   | EP 1003540   | A1   | 20000531   | EP 1999-928344  |
|   | R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT,<br>IE, FI                       |      |            |                 |
|   | JP 2002517457  | T2   | 20020618   | JP 2000-553099  |
|   | CA 2318055   | AA   | 19991216   | CA 1999-2318055 |
|   | CA 2318286   | AA   | 19991216   | CA 1999-2318286 |
|   | CA 2319068   | AA   | 19991216   | CA 1999-2319068 |
|   | CA 2319159   | AA   | 19991216   | CA 1999-2319159 |
|   | CA 2319175   | AA   | 19991216   | CA 1999-2319175 |
|   | CA 2319496   | AA   | 19991216   | CA 1999-2319496 |
|   | CA 2319751   | AA   | 19991216   | CA 1999-2319751 |
|   | CA 2319756   | AA   | 19991216   | CA 1999-2319756 |
|   | CA 2321170   | AA   | 19991216   | CA 1999-2321170 |
|   | CA 2321273   | AA   | 19991216   | CA 1999-2321273 |
|   | AU 9944234   | A1   | 19991230   | AU 1999-44234   |
|   | AU 9944265   | A1   | 19991230   | AU 1999-44265   |
|   | AU 9945491   | A1   | 19991230   | AU 1999-45491   |
|   | AU 9945520   | A1   | 19991230   | AU 1999-45520   |
|   | AU 9946727   | A1   | 19991230   | AU 1999-46727   |
|   | AU 9946751   | A1   | 19991230   | AU 1999-46751   |
|   | AU 9946752   | A1   | 19991230   | AU 1999-46752   |
|   | AU 9946754   | A1   | 19991230   | AU 1999-46754   |
|   | EP 1019360   | A1   | 20000719   | EP 1999-930123  |
|   | R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT,<br>IE, FI                       |      |            |                 |
|   | EP 1080080   | A1   | 20010307   | EP 1999-930158  |
|   | R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT,<br>IE, FI                       |      |            |                 |
|   | EP 1083917   | A1   | 20010321   | EP 1999-927291  |
|   | R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT,<br>IE, FI                       |      |            |                 |

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|--|----|----------|-----------------|----------|
| EP 1083893   | A1 | 20010321 | EP 1999-927331  | 19990607 |
| R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT,<br>IE, FI |    |          |                 |          |
| EP 1083888   | A1 | 20010321 | EP 1999-928425  | 19990607 |
| R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT,<br>IE, FI |    |          |                 |          |
| EP 1085887   | A2 | 20010328 | EP 1999-928349  | 19990607 |
| R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT,<br>IE, FI |    |          |                 |          |
| EP 1085870   | A2 | 20010328 | EP 1999-930157  | 19990607 |
| R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT,<br>IE, FI |    |          |                 |          |
| EP 1094826   | A1 | 20010502 | EP 1999-930156  | 19990607 |
| R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT,<br>IE, FI |    |          |                 |          |
| EP 1100519   | A1 | 20010523 | EP 1999-930155  | 19990607 |
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| JP 2002517420  | T2 | 20020618 | JP 2000-553004  | 19990607 |
| JP 2002517459  | T2 | 20020618 | JP 2000-553102  | 19990607 |
| JP 2002517463  | T2 | 20020618 | JP 2000-553110  | 19990607 |
| CA 2319497   | AA | 19991216 | CA 1999-2319497 | 19990608 |
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| AU 9943368   | A1 | 19991230 | AU 1999-43368   | 19990608 |
| AU 9943376   | A1 | 19991230 | AU 1999-43376   | 19990608 |
| AU 9946747   | A1 | 19991230 | AU 1999-46747   | 19990608 |
| AU 9952039   | A1 | 19991230 | AU 1999-52039   | 19990608 |
| AU 9946776   | A1 | 20000110 | AU 1999-46776   | 19990608 |
| EP 1082289   | A1 | 20010314 | EP 1999-930185  | 19990608 |
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| EP 1085889   | A2 | 20010328 | EP 1999-928451  | 19990608 |
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| EP 1085847   | A2 | 20010328 | EP 1999-928520  | 19990608 |
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| JP 2002517442  | T2 | 20020618 | JP 2000-553068  | 19990608 |
| US 6288055   | B1 | 20010911 | US 2000-499476  | 20000207 |
| ZA 2000003475  | A  | 20011011 | ZA 2000-3475    | 20000711 |
| ZA 2000004083  | A  | 20011112 | ZA 2000-4083    | 20000810 |
| ZA 2000004085  | A  | 20011112 | ZA 2000-4085    | 20000810 |

|                      |    |          |                |          |
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| ZA 2000004087        | A  | 20011113 | ZA 2000-4087   | 20000810 |
| ZA 2000004084        | A  | 20011119 | ZA 2000-4084   | 20000810 |
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| ZA 2000004565        | A  | 20011130 | ZA 2000-4565   | 20000831 |
| US 2003087306        | A1 | 20030508 | US 2001-15534  | 20011213 |
| US 2003087307        | A1 | 20030508 | US 2002-108945 | 20020328 |
| PRAI US 1998-88466P  | P  | 19980608 |                |          |
| US 1998-92938P       | P  | 19980715 |                |          |
| US 1999-323943       | A1 | 19990602 |                |          |
| WO 1999-US11786      | W  | 19990604 |                |          |
| US 1999-327044       | B1 | 19990607 |                |          |
| WO 1999-US11803      | W  | 19990607 |                |          |
| WO 1999-US11805      | W  | 19990607 |                |          |
| WO 1999-US12669      | W  | 19990607 |                |          |
| WO 1999-US12673      | W  | 19990607 |                |          |
| WO 1999-US12727      | W  | 19990607 |                |          |
| WO 1999-US12728      | W  | 19990607 |                |          |
| WO 1999-US12730      | W  | 19990607 |                |          |
| WO 1999-US12731      | W  | 19990607 |                |          |
| WO 1999-US12778      | W  | 19990607 |                |          |
| WO 1999-US12782      | W  | 19990607 |                |          |
| US 1999-327904       | B1 | 19990608 |                |          |
| WO 1999-US12626      | W  | 19990608 |                |          |
| WO 1999-US12770      | W  | 19990608 |                |          |
| WO 1999-US12876      | W  | 19990608 |                |          |
| WO 1999-US12907      | W  | 19990608 |                |          |
| WO 1999-US12989      | W  | 19990608 |                |          |
| WO 1999-US12994      | W  | 19990608 |                |          |
| WO 1999-US12995      | W  | 19990608 |                |          |
| US 1999-457618       | B1 | 19991208 |                |          |
| US 2000-493462       | B1 | 20000128 |                |          |
| US 2000-637899       | A1 | 20000814 |                |          |
| OS MARPAT 136:355062 |    |          |                |          |

L6 ANSWER 3 OF 14 CAPLUS COPYRIGHT 2005 ACS on STN  
AN 2001:435027 CAPLUS  
DN 135:45979  
TI Preparation of 4-(arylhydroxyethylaminoethyl)phenylaminohydroxyethylbenzenes and related compounds as  $\beta_2$  adrenergic receptor agonists and partial agonists.  
IN Moran, Edmund J.; Griffin, John H.; Choi, Seok-ki  
PA Advanced Medicine, Inc., USA  
SO PCT Int. Appl., 164 pp.  
CODEN: PIXXD2

DT Patent

LA English

FAN.CNT 31

|               | PATENT NO.  | KIND     | DATE            | APPLICATION NO. | DATE     |
|---------------|---|----------|-----------------|-----------------|----------|
| PI            | WO 2001042193   | A1       | 20010614        | WO 2000-US33057 | 20001206 |
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| US 6576793    | B1  | 20030610 | US 2000-637899  | 20000814        |          |
| ZA 2000005850 | A   | 20020517 | ZA 2000-5850    | 20001019        |          |
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|                     |  |          |                |          |
|---------------------|--|----------|----------------|----------|
| BR 2000015962       | A  | 20020730 | BR 2000-15962  | 20001206 |
| EP 1235787          | A1   | 20020904 | EP 2000-986271 | 20001206 |
| EP 1235787          | B1   | 20031029 |                |          |
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| JP 2003516381       | T2   | 20030513 | JP 2001-543495 | 20001206 |
| AT 253039           | E  | 20031115 | AT 2000-986271 | 20001206 |
| PT 1235787          | T  | 20040331 | PT 2000-986271 | 20001206 |
| ES 2208453          | T3   | 20040616 | ES 2000-986271 | 20001206 |
| US 2003087307       | A1   | 20030508 | US 2002-108945 | 20020328 |
| ZA 2002003450       | A  | 20030513 | ZA 2002-3450   | 20020430 |
| NO 2002002655       | A  | 20020605 | NO 2002-2655   | 20020605 |
| HK 1048803          | A1   | 20040130 | HK 2003-101047 | 20030213 |
| PRAI US 1999-457618 | A  | 19991208 |                |          |
| US 2000-637899      | A1   | 20000814 |                |          |
| US 1999-323943      | A2   | 19990602 |                |          |
| WO 2000-US33057     | W  | 20001206 |                |          |

RE.CNT 6 THERE ARE 6 CITED REFERENCES AVAILABLE FOR THIS RECORD  
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L6 ANSWER 4 OF 14 CAPLUS COPYRIGHT 2005 ACS on STN  
AN 2001:102476 CAPLUS  
DN 134:131310  
TI Preparation of novel multibinding phenolic compounds as  $\beta$ 2-adrenergic receptor agonists  
IN Griffin, John H.; Moran, Edmund J.; Choi, Seok-Ki  
PA Advanced Medicine, Inc., USA  
SO PCT Int. Appl., 159 pp.  
CODEN: PIXXD2  
DT Patent  
LA English  
FAN.CNT 31

|               | PATENT NO.   | KIND     | DATE            | APPLICATION NO. | DATE |
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| US 6362371    | B1   | 20020326 | US 1999-323937  | 19990602        |      |
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| CA 2321273  | AA   | 19991216 | CA 1999-2321273 | 19990607 |
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| WO 9964042  | A1   | 19991216 | WO 1999-US12728 | 19990607 |

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 WO 9963933 A2 19991216 WO 1999-US12730 19990607  
 WO 9963933 A3 20000203  
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 WO 9964000 A1 19991216 WO 1999-US12731 19990607  
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 WO 9963993 A1 19991216 WO 1999-US12778 19990607  
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 WO 9963996 A1 19991216 WO 1999-US12782 19990607  
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 AU 9944234 A1 19991230 AU 1999-44234 19990607  
 AU 9944265 A1 19991230 AU 1999-44265 19990607  
 AU 9945491 A1 19991230 AU 1999-45491 19990607  
 AU 9945520 A1 19991230 AU 1999-45520 19990607  
 AU 9946727 A1 19991230 AU 1999-46727 19990607  
 AU 9946751 A1 19991230 AU 1999-46751 19990607  
 AU 9946752 A1 19991230 AU 1999-46752 19990607  
 AU 9946754 A1 19991230 AU 1999-46754 19990607  
 AU 9948181 A1 19991230 AU 1999-48181 19990607  
 AU 750366 B2 20020718  
 EP 1019360 A1 20000719 EP 1999-930123 19990607  
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| IE, FI   |    |          |                   |          |
| EP 1019075   | A1 | 20000719 | EP 1999-931748    | 19990607 |
| R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT,<br>IE, FI   |    |          |                   |          |
| EP 1080080   | A1 | 20010307 | EP 1999-930158    | 19990607 |
| R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT,<br>IE, FI   |    |          |                   |          |
| EP 1083917   | A1 | 20010321 | EP 1999-927291    | 19990607 |
| R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT,<br>IE, FI   |    |          |                   |          |
| EP 1083893   | A1 | 20010321 | EP 1999-927331    | 19990607 |
| R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT,<br>IE, FI   |    |          |                   |          |
| EP 1083888   | A1 | 20010321 | EP 1999-928425    | 19990607 |
| R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT,<br>IE, FI   |    |          |                   |          |
| EP 1085887   | A2 | 20010328 | EP 1999-928349    | 19990607 |
| R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT,<br>IE, FI   |    |          |                   |          |
| EP 1085870   | A2 | 20010328 | EP 1999-930157    | 19990607 |
| R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT,<br>IE, FI   |    |          |                   |          |
| EP 1094826   | A1 | 20010502 | EP 1999-930156    | 19990607 |
| R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT,<br>IE, FI   |    |          |                   |          |
| EP 1100519   | A1 | 20010523 | EP 1999-930155    | 19990607 |
| R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT,<br>IE, FI   |    |          |                   |          |
| EP 1107753   | A1 | 20010620 | EP 1999-928457    | 19990607 |
| R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT,<br>IE, FI   |    |          |                   |          |
| TR 200003650   | T2 | 20010821 | TR 2000-200003650 | 19990607 |
| BR 9910832   | A  | 20011016 | BR 1999-10832     | 19990607 |
| JP 2002517420  | T2 | 20020618 | JP 2000-553004    | 19990607 |
| JP 2002517459  | T2 | 20020618 | JP 2000-553102    | 19990607 |
| JP 2002517460  | T2 | 20020618 | JP 2000-553103    | 19990607 |
| JP 2002517463  | T2 | 20020618 | JP 2000-553110    | 19990607 |
| SG 93205   | A1 | 20021217 | SG 1999-2843      | 19990607 |
| CA 2319497   | AA | 19991216 | CA 1999-2319497   | 19990608 |
| CA 2319643   | AA | 19991216 | CA 1999-2319643   | 19990608 |
| CA 2319651   | AA | 19991216 | CA 1999-2319651   | 19990608 |
| CA 2320926   | AA | 19991216 | CA 1999-2320926   | 19990608 |
| CA 2321120   | AA | 19991216 | CA 1999-2321120   | 19990608 |
| CA 2321152   | AA | 19991216 | CA 1999-2321152   | 19990608 |
| WO 9963999   | A1 | 19991216 | WO 1999-US12626   | 19990608 |
| W: AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, DE,<br>DK, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP,<br>KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN,<br>MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM,<br>TR, TT, UA, UG, US, UZ, VN, YU, ZW, AM, AZ, BY, KG, KZ, MD, RU,<br>TJ, TM |    |          |                   |          |
| RW: GH, GM, KE, LS, MW, SD, SL, SZ, UG, ZW, AT, BE, CH, CY, DE, DK,<br>ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG,<br>CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG   |    |          |                   |          |
| WO 9963936   | A2 | 19991216 | WO 1999-US12770   | 19990608 |
| WO 9963936   | A3 | 20000203 |                   |          |
| W: AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, DE,<br>DK, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP,<br>KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN,<br>MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM,<br>TR, TT, UA, UG, US, UZ, VN, YU, ZW, AM, AZ, BY, KG, KZ, MD, RU,<br>TJ, TM |    |          |                   |          |

RW: GH, GM, KE, LS, MW, SD, SL, SZ, UG, ZW, AT, BE, CH, CY, DE, DK,  
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 CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG

WO 9964052 A1 19991216 WO 1999-US12876 19990608

W: AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, DE,  
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 TJ, TM

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 CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG

WO 9964053 A1 19991216 WO 1999-US12907 19990608

W: AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, DE,  
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 TJ, TM

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WO 9964055 A1 19991216 WO 1999-US12994 19990608

WO 9964055 C2 20020829

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 JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK,  
 MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ,  
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 MD, RU, TJ, TM

RW: GH, GM, KE, LS, MW, SD, SL, SZ, UG, ZW, AT, BE, CH, CY, DE, DK,  
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 CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG

WO 9963944 A2 19991216 WO 1999-US12995 19990608

WO 9963944 A3 200000210

W: AE, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ,  
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 MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ,  
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 MD, RU, TJ, TM

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 CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG

CA 2319650 AA 19991229 CA 1999-2319650 19990608

WO 9966944 A1 19991229 WO 1999-US12989 19990608

W: AE, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ,  
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 MD, RU, TJ, TM

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 CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG

AU 9943368 A1 19991230 AU 1999-43368 19990608

AU 9943376 A1 19991230 AU 1999-43376 19990608

AU 9946747 A1 19991230 AU 1999-46747 19990608

AU 9952039 A1 19991230 AU 1999-52039 19990608

AU 9946776 A1 20000110 AU 1999-46776 19990608

EP 1082289 A1 20010314 EP 1999-930185 19990608

|               |   |          |                |          |
|---------------|---|----------|----------------|----------|
|               | R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, FI |          |                |          |
| EP 1083921    | A1  | 20010321 | EP 1999-955430 | 19990608 |
|               | R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, FI |          |                |          |
| EP 1085889    | A2  | 20010328 | EP 1999-928451 | 19990608 |
|               | R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, FI |          |                |          |
| EP 1085847    | A2  | 20010328 | EP 1999-928520 | 19990608 |
|               | R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, FI |          |                |          |
| EP 1085868    | A1  | 20010328 | EP 1999-930150 | 19990608 |
|               | R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, FI |          |                |          |
| EP 1085894    | A1  | 20010328 | EP 1999-937155 | 19990608 |
|               | R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, FI |          |                |          |
| EP 1102597    | A1  | 20010530 | EP 1999-955431 | 19990608 |
|               | R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, FI |          |                |          |
| SG 81994      | A1  | 20010724 | SG 1999-2713   | 19990608 |
| SG 83720      | A1  | 20011016 | SG 1999-2715   | 19990608 |
| SG 83721      | A1  | 20011016 | SG 1999-2717   | 19990608 |
| US 6355805    | B1  | 20020312 | US 1999-328192 | 19990608 |
| JP 2002517442 | T2  | 20020618 | JP 2000-553068 | 19990608 |
| US 6288055    | B1  | 20010911 | US 2000-499476 | 20000207 |
| ZA 2000003475 | A   | 20011011 | ZA 2000-3475   | 20000711 |
| ZA 2000004083 | A   | 20011112 | ZA 2000-4083   | 20000810 |
| ZA 2000004085 | A   | 20011112 | ZA 2000-4085   | 20000810 |
| ZA 2000004087 | A   | 20011113 | ZA 2000-4087   | 20000810 |
| ZA 2000004084 | A   | 20011119 | ZA 2000-4084   | 20000810 |
| ZA 2000004561 | A   | 20011130 | ZA 2000-4561   | 20000831 |
| ZA 2000004565 | A   | 20011130 | ZA 2000-4565   | 20000831 |
| US 6713651    | B1  | 20040330 | US 2000-674451 | 20001101 |
| NO 2000006220 | A   | 20010129 | NO 2000-6220   | 20001207 |
| US 2003087306 | A1  | 20030508 | US 2001-15534  | 20011213 |
| US 2004186080 | A1  | 20040923 | US 2004-769219 | 20040130 |
| PRAI          | US 1998-88466P  | P        | 19980608       |          |
|               | US 1998-92938P  | P        | 19980715       |          |
|               | WO 1999-US11786   | W        | 19990604       |          |
|               | US 1999-327044  | B1       | 19990607       |          |
|               | WO 1999-US11803   | W        | 19990607       |          |
|               | WO 1999-US11804   | W        | 19990607       |          |
|               | WO 1999-US11805   | W        | 19990607       |          |
|               | WO 1999-US12669   | W        | 19990607       |          |
|               | WO 1999-US12673   | W        | 19990607       |          |
|               | WO 1999-US12727   | W        | 19990607       |          |
|               | WO 1999-US12728   | W        | 19990607       |          |
|               | WO 1999-US12730   | W        | 19990607       |          |
|               | WO 1999-US12731   | W        | 19990607       |          |
|               | WO 1999-US12778   | W        | 19990607       |          |
|               | WO 1999-US12782   | W        | 19990607       |          |
|               | US 1999-327904  | B1       | 19990608       |          |
|               | WO 1999-US12626   | W        | 19990608       |          |
|               | WO 1999-US12770   | W        | 19990608       |          |
|               | WO 1999-US12876   | W        | 19990608       |          |
|               | WO 1999-US12907   | W        | 19990608       |          |
|               | WO 1999-US12989   | W        | 19990608       |          |
|               | WO 1999-US12994   | W        | 19990608       |          |
|               | WO 1999-US12995   | W        | 19990608       |          |
|               | US 2000-493462  | B1       | 20000128       |          |
|               | US 2000-674451  | A1       | 20001101       |          |

OS MARPAT 134:131310

RE.CNT 10 THERE ARE 10 CITED REFERENCES AVAILABLE FOR THIS RECORD  
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L6 ANSWER 5 OF 14 CAPLUS COPYRIGHT 2005 ACS on STN  
AN 2000:608627 CAPLUS  
DN 133:213253  
TI Layer materials treated with surfactant-modified chelating agents  
IN Quincy, Roger Bradshaw, III; Woltman, Garry Roland; Liu, Yuelong; Hwang,  
Patricia Hsiaoyin  
PA Kimberly-Clark Worldwide, Inc., USA  
SO PCT Int. Appl., 60 pp.  
CODEN: PIXXD2

DT Patent

LA English

FAN.CNT 2

|      | PATENT NO.   | KIND | DATE     | APPLICATION NO. | DATE     |
|------|--|------|----------|-----------------|----------|
| PI   | WO 2000050098  | A1   | 20000831 | WO 2000-US4695  | 20000224 |
|      | W: AE, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CR, CU,<br>CZ, DE, DK, DM, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL,<br>IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA,<br>MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI,<br>SK, SL, TJ, TM, TR, TT, TZ, UA, UG, UZ, VN, YU, ZA, ZW, AM, AZ,<br>BY, KG, KZ, MD, RU, TJ, TM |      |          |                 |          |
|      | RW: GH, GM, KE, LS, MW, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE,<br>DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF,<br>CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG   |      |          |                 |          |
|      | US 6509284   | B1   | 20030121 | US 1999-472632  | 19991228 |
|      | EP 1154806   | A1   | 20011121 | EP 2000-913594  | 20000224 |
|      | R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT,<br>IE, SI, LT, LV, FI, RO   |      |          |                 |          |
|      | BR 2000008504  | A    | 20020205 | BR 2000-8504    | 20000224 |
|      | JP 2002537501  | T2   | 20021105 | JP 2000-600708  | 20000224 |
|      | AU 762732  | B2   | 20030703 | AU 2000-35009   | 20000224 |
|      | ZA 2001006207  | A    | 20021028 | ZA 2001-6207    | 20010727 |
| PRAI | US 1999-121934P  | P    | 19990226 |                 |          |
|      | US 1999-472632   | A    | 19991228 |                 |          |
|      | US 1999-121933P  | P    | 19990226 |                 |          |
|      | WO 2000-US4695   | W    | 20000224 |                 |          |

RE.CNT 4 THERE ARE 4 CITED REFERENCES AVAILABLE FOR THIS RECORD  
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L6 ANSWER 6 OF 14 CAPLUS COPYRIGHT 2005 ACS on STN

AN 1997:732167 CAPLUS

DN 128:2973

TI Process for producing optically active aminopolycarboxylic acid  
IN Kaneko, Makoto; Hashimoto, Yoshihiro; Endo, Takakazu; Kato, Mami;  
Mizunashi, Wataru

PA Nitto Chemical Industry Co., Ltd., Japan

SO Eur. Pat. Appl., 24 pp.

CODEN: EPXXDW

DT Patent

LA English

FAN.CNT 1

|    | PATENT NO.    | KIND | DATE     | APPLICATION NO. | DATE     |
|----|---------------|------|----------|-----------------|----------|
| PI | EP 805211     | A2   | 19971105 | EP 1997-302902  | 19970428 |
|    | EP 805211     | A3   | 19981202 |                 |          |
|    | EP 805211     | B1   | 20021002 |                 |          |
|    | R: DE, FR, GB |      |          |                 |          |
|    | JP 10066590   | A2   | 19980310 | JP 1997-222067  | 19960820 |

|                                       |    |          |                 |          |
|---------------------------------------|----|----------|-----------------|----------|
| CA 2203981                            | AA | 19971030 | CA 1997-2203981 | 19970429 |
| JP 10052292                           | A2 | 19980224 | JP 1997-124700  | 19970430 |
| JP 3261336                            | B2 | 20020225 |                 |          |
| US 5981238                            | A  | 19991109 | US 1997-841663  | 19970430 |
| JP 10271999                           | A2 | 19981013 | JP 1997-222066  | 19970805 |
| JP 3450663                            | B2 | 20030929 |                 |          |
| JP 2002045193                         | A2 | 20020212 | JP 2001-235098  | 20010802 |
| JP 3359625                            | B2 | 20021224 |                 |          |
| PRAI JP 1996-130594                   | A  | 19960430 |                 |          |
| JP 1996-235797                        | A  | 19960820 |                 |          |
| JP 1997-31399                         | A  | 19970131 |                 |          |
| JP 1997-124700                        | A3 | 19970430 |                 |          |
| OS CASREACT 128:2973; MARPAT 128:2973 |    |          |                 |          |

L6 ANSWER 7 OF 14 CAPLUS COPYRIGHT 2005 ACS on STN  
 AN 1996:599152 CAPLUS  
 DN 125:245817  
 TI Method of producing optically active amino acids  
 IN Endo, Takakazu; Takahashi, Rikiya; Hashimoto, Yoshihiro  
 PA Nitto Chemical Industry Co., Ltd., Japan  
 SO Eur. Pat. Appl., 18 pp.  
 CODEN: EPXXDW

DT Patent  
 LA English

FAN.CNT 1

|      | PATENT NO.                             | KIND | DATE     | APPLICATION NO. | DATE     |
|------|--|------|----------|-----------------|----------|
| PI   | EP 731171                              | A2   | 19960911 | EP 1996-301622  | 19960308 |
|      | EP 731171                              | A3   | 19970709 |                 |          |
|      | EP 731171                              | B1   | 20010829 |                 |          |
|      | R: DE, FR, GB                          |      |          |                 |          |
|      | US 5707836                             | A    | 19980113 | US 1996-612437  | 19960307 |
|      | JP 09140390                            | A2   | 19970603 | JP 1996-79404   | 19960308 |
|      | JP 3204903                             | B2   | 20010904 |                 |          |
|      | CN 1143114                             | A    | 19970219 | CN 1996-106060  | 19960309 |
|      | CN 1104503                             | B    | 20030402 |                 |          |
| PRAI | JP 1995-78390                          | A    | 19950310 |                 |          |
|      | JP 1995-90101                          | A    | 19950324 |                 |          |
|      | JP 1995-125680                         | A    | 19950427 |                 |          |
|      | JP 1995-170476                         | A    | 19950614 |                 |          |
|      | JP 1995-194042                         | A    | 19950707 |                 |          |
|      | JP 1995-268029                         | A    | 19950922 |                 |          |
| OS   | CASREACT 125:245817; MARPAT 125:245817 |      |          |                 |          |

L6 ANSWER 8 OF 14 CAPLUS COPYRIGHT 2005 ACS on STN  
 AN 1982:461898 CAPLUS  
 DN 97:61898  
 TI Study of complexing of alkaline earth metals with cis- and trans-isomers  
 of 1,4-diaminocyclohexane-N,N'-dimalic acid  
 AU Smirnova, T. I.; Gorelov, I. P.; Yakubonok, V. V.  
 CS Kalinin. S-kh. Inst., Kalinin, USSR  
 SO Zhurnal Neorganicheskoi Khimii (1982), 27(6), 1584-5  
 CODEN: ZNOKAQ; ISSN: 0044-457X  
 DT Journal  
 LA Russian

L6 ANSWER 9 OF 14 CAPLUS COPYRIGHT 2005 ACS on STN  
 AN 1981:609706 CAPLUS  
 DN 95:209706  
 TI Synthetic absorbable surgical devices of polyester amides  
 IN Barrows, Thomas H.  
 PA Minnesota Mining and Manufacturing Co., USA

SO Eur. Pat. Appl., 33 pp.

CODEN: EPXXDW

DT Patent

LA English

FAN.CNT 1

|      | PATENT NO.                    | KIND | DATE     | APPLICATION NO. | DATE     |
|------|-------------------------------|------|----------|-----------------|----------|
| PI   | EP 30822                      | A2   | 19810624 | EP 1980-304367  | 19801203 |
|      | EP 30822                      | A3   | 19810902 |                 |          |
|      | EP 30822                      | B1   | 19830914 |                 |          |
|      | R: BE, CH, DE, FR, GB, IT, SE |      |          |                 |          |
|      | US 4343931                    | A    | 19820810 | US 1979-103915  | 19791217 |
|      | CA 1159997                    | A1   | 19840103 | CA 1980-365375  | 19801124 |
|      | ZA 8007849                    | A    | 19811230 | ZA 1980-7849    | 19801215 |
|      | AU 8065419                    | A1   | 19810625 | AU 1980-65419   | 19801216 |
|      | AU 538802                     | B2   | 19840830 |                 |          |
|      | JP 56093733                   | A2   | 19810729 | JP 1980-178648  | 19801217 |
|      | JP 03014851                   | B4   | 19910227 |                 |          |
|      | US 4529792                    | A    | 19850716 | US 1982-375744  | 19820506 |
| PRAI | US 1979-103915                | A    | 19791217 |                 |          |

L6 ANSWER 10 OF 14 CAPLUS COPYRIGHT 2005 ACS on STN

AN 1977:122306 CAPLUS

DN 86:122306

TI Flame-resistant rigid polyurethane foam

IN Mori, Shigeo; Fujita, Takeshi

PA Daiichi Kogyo Seiyaku Co., Ltd., Japan

SO Ger. Offen., 52 pp.

CODEN: GWXXBX

DT Patent

LA German

FAN.CNT 1

|      | PATENT NO.     | KIND | DATE     | APPLICATION NO. | DATE     |
|------|----------------|------|----------|-----------------|----------|
| PI   | DE 2430589     | A1   | 19750116 | DE 1974-2430589 | 19740626 |
|      | JP 50022095    | A2   | 19750308 | JP 1973-72463   | 19730626 |
|      | JP 52015118    | B4   | 19770426 |                 |          |
|      | JP 50061498    | A2   | 19750527 | JP 1973-110799  | 19731001 |
|      | JP 52015119    | B4   | 19770426 |                 |          |
|      | IT 1016145     | A    | 19770530 | IT 1974-51685   | 19740624 |
|      | NL 7408510     | A    | 19741230 | NL 1974-8510    | 19740625 |
|      | FR 2235146     | A1   | 19750124 | FR 1974-22333   | 19740626 |
|      | FR 2235146     | B1   | 19820219 |                 |          |
|      | AU 7470512     | A1   | 19760115 | AU 1974-70512   | 19740626 |
|      | GB 1480392     | A    | 19770720 | GB 1974-28463   | 19740626 |
|      | US 30676       | E    | 19810714 | US 1980-110501  | 19800108 |
| PRAI | JP 1973-72463  | A    | 19730626 |                 |          |
|      | JP 1973-110799 | A    | 19731001 |                 |          |
|      | US 1974-483339 | A1   | 19740626 |                 |          |
|      | US 1975-645172 | A5   | 19751229 |                 |          |

L6 ANSWER 11 OF 14 CAPLUS COPYRIGHT 2005 ACS on STN

AN 1975:411449 CAPLUS

DN 83:11449

TI Flame-resistant rigid polyurethane foam

IN Mori, Shigeo; Fujita, Takeshi

PA Daiichi Kogyo Seiyaku Co., Ltd.

SO Ger. Offen., 52 pp.

CODEN: GWXXBX

DT Patent

LA German

FAN.CNT 1

|      | PATENT NO.      | KIND | DATE     | APPLICATION NO. | DATE     |
|------|-----------------|------|----------|-----------------|----------|
| PI   | DE 2430489      | A1   | 19760115 | DE 1974-2430489 | 19740625 |
|      | NL 7414336      | A    | 19751230 | NL 1974-14336   | 19741104 |
| PRAI | DE 1974-2430489 | A    | 19740625 |                 |          |

L6 ANSWER 12 OF 14 CAPLUS COPYRIGHT 2005 ACS on STN

AN 1975:17952 CAPLUS

DN 82:17952

TI Flameproof polyurethane foams

IN Ori, Shigeo; Fujita, Takeshi

PA Daiichi Kogyo Seiyaku Co., Ltd.

SO Ger. Offen., 99 pp.

CODEN: GWXXBX

DT Patent

LA German

FAN.CNT 2

|      | PATENT NO.    | KIND | DATE     | APPLICATION NO. | DATE     |
|------|---------------|------|----------|-----------------|----------|
| PI   | DE 2406163    | A1   | 19740815 | DE 1974-2406163 | 19740208 |
|      | JP 49106549   | A2   | 19741009 | JP 1973-15863   | 19730208 |
|      | JP 52014756   | B4   | 19770423 |                 |          |
|      | JP 49118796   | A2   | 19741113 | JP 1973-30704   | 19730315 |
|      | JP 52035076   | B4   | 19770907 |                 |          |
|      | JP 49120996   | A2   | 19741119 | JP 1973-33699   | 19730324 |
|      | JP 52014757   | B4   | 19770423 |                 |          |
|      | JP 49121897   | A2   | 19741121 | JP 1973-34883   | 19730326 |
|      | JP 52014758   | B4   | 19770423 |                 |          |
|      | JP 49124199   | A2   | 19741127 | JP 1973-37114   | 19730331 |
|      | JP 52014759   | B4   | 19770423 |                 |          |
|      | JP 49124200   | A2   | 19741127 | JP 1973-38050   | 19730401 |
|      | JP 52014760   | B4   | 19770423 |                 |          |
| PRAI | JP 1973-15863 | A    | 19730208 |                 |          |
|      | JP 1973-30704 | A    | 19730315 |                 |          |
|      | JP 1973-33699 | A    | 19730324 |                 |          |
|      | JP 1973-34883 | A    | 19730326 |                 |          |
|      | JP 1973-37114 | A    | 19730331 |                 |          |
|      | JP 1973-38050 | A    | 19730401 |                 |          |

L6 ANSWER 13 OF 14 CAPLUS COPYRIGHT 2005 ACS on STN

AN 1967:56000 CAPLUS

DN 66:56000

TI New nitrogen-containing polymers

IN Antikov, Paul; Bonnard, Lucien; Lamure, Bernard

PA Societe Rhodiaceta

SO Fr., 4 pp.

CODEN: FRXXAK

DT Patent

LA French

FAN.CNT 1

|    | PATENT NO. | KIND | DATE     | APPLICATION NO. | DATE     |
|----|------------|------|----------|-----------------|----------|
| PI | FR 1448914 |      | 19660812 | FR              | 19650624 |
|    | DE 1645361 |      |          | DE              |          |
|    | GB 1099065 |      |          | GB              |          |
|    | NL 6608398 |      |          | NL              |          |
|    | US 3532646 |      | 19700000 | US              |          |

L6 ANSWER 14 OF 14 CAPLUS COPYRIGHT 2005 ACS on STN

AN 1967:28386 CAPLUS

DN 66:28386

TI Amino alcohols

PA Societe Rhodiaceta  
SO Neth. Appl., 10 pp.  
CODEN: NAXXAN

DT Patent

LA Dutch

FAN.CNT 1

|      | PATENT NO. | KIND | DATE     | APPLICATION NO. | DATE |
|------|------------|------|----------|-----------------|------|
| PI   | NL 6603107 |      | 19660919 |                 |      |
| PRAI | FR         |      | 19650317 |                 |      |